



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

October 8, 2012

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3AP20

Mr. Ed Peresie
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 19103-2029
ATTN: James W. Hagedorn (3AT23)

Mr. Steve Hepler
Department of Environmental Protection
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745

Department of Justice
Environmental and Natural Resource Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 12-0316
ACHD Reference Number: 15100
600 Claus Plant
USS Clairton Works

Gentlemen:

The attached form terminates the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Thomas E. Schumacher
Acting Plant Manager
Clairton Works

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 12-0316 Termination
ACHD Reference Number: 15100
2. Date & Time of Outage: Date: 09/24/12 Time: 0900 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: 600 Claus Plant
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: During an approximate 2 week period, the 600 Claus Plant will be unavailable for service to perform general maintenance.

The 600 Claus Unit is a redundant piece of equipment. Gas processing for sulfur removal was handed off to the 400 Claus Unit. Sulfur Plant performance will not be affected. Sulfur emissions will not increase.

8. Identification of Emissions:
 - A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
The 400 Claus Plant will carry the full acid gas flow to the plant. No environmental impact is expected.
 - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). N/A No environmental impact is expected.
 - C. Amount of each type emitted (or likely to be emitted).
N/A
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).
Personnel, materials and equipment were on site prior to the start of the outage. The 400 Claus Plant carried the full acid gas flow to the plant.
10. Facility back in operation - Date: 10/01/12 Time: 1130 hours

Reviewed by Coleen M. Davis Date 10-10-12
Coleen M. Davis
Senior Environmental Control Engineer Phone: 412-233-1015



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

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September 26, 2012

Mr. Ed Peresie
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

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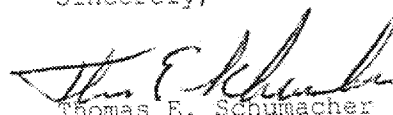
Subject: USS Reference Number: 12-0311
ACHD Reference Number: 15066
#2 Control Room
USS Clairton Works

Gentlemen:

The attached form terminates the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,


Thomas E. Schumacher
Acting Plant Manager
Clairton Works

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 12-0311 Termination
ACHD Reference Number: 15066
2. Date & Time of Breakdown: Date: 09/14/12 Time: 0900 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: #2 Control Room
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: A leak in the vacuum axi discharge piping required the shutdown of the #2 Control Room coke oven gas separation process and the Sulfur Plant. As a result and reported on 09/14/12 and 09/16/12, the flare gas igniter pilots have extinguished intermittently due to pilot gas composition stability.
8. Identification of Emissions:
 - A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Elevated H₂S in the downriver and under-firing gas line systems, causing increased SO₂ and VOC at point of combustion. This also caused increased battery combustion stack opacity when the under-firing gas composition changed.
 - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO₂ is and VOC could be an eye, nose, and throat irritant.
 - C. Amount of each type emitted (or likely to be emitted).
Moderate
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).
The repairs are complete.
10. Facility back in operation - Date: 09/23/12 Time: 2047 hours

Reviewed by Coleen M. Davis Date 9-26-12
Coleen M. Davis
Senior Environmental Control Engineer Phone: 412-233-1015